



Devineni Venkata Ramana & Dr. Hima Sekhar  
**MIC College of Technology**



### EMPLOYERS FEEDBACK ON CURRICULUM

Academic Year: 2020-21

Excellent(5)	VeryGood(4)	Good(3)	Average(2)	Poor(1)
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S.No.	STATEMENT	Responses in %				
		Excellent	VeryGood	Good	Fair	Poor
1	How do you rate relevance of the courses in relation to the program?	40	30	10	10	10
2	How do you rate the sufficiency of the courses related to industry that are included in the program?	40	30	20	10	0
3	How do you rate the competencies/outcomes in relation to the course content?	30	30	20	10	10
4	How do you rate the relevance of the topics to the Industry?	40	20	20	10	10
5	Rate the offering of the in relation to the specialization streams?	40	20	30	10	0
6	How do you rate the applicability of the domains and the tools used for designing the experiments in terms of existing practices in the Industry?	40	20	30	10	0
7	How do you rate the experiments in terms of their relevance to the real life application?	30	30	20	10	10
8	How do you rate the proficiency of our students working with you?	30	30	30	10	0
	Average	36.25	26.25	22.5	10	5

  
 Coordinator

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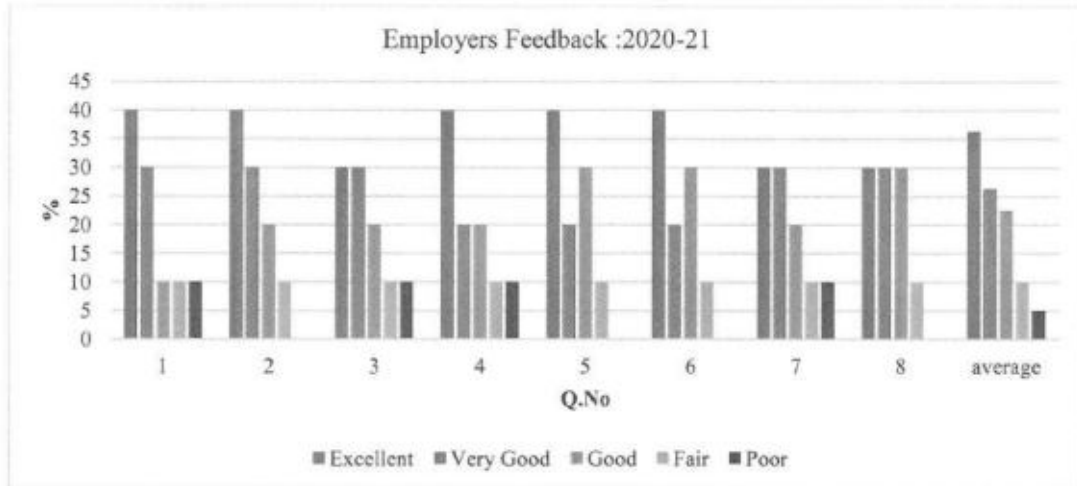
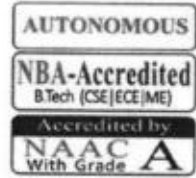


Principal

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 Andhra Pradesh, India – Pin: 521180



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On an average 36.25 % Excellent, 26.25 % Very Good, 22.5 % Good, 10 % Fair and 5 % Poor with curriculum of various programme.

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### Employers Feedback Summary

1. How do you rate relevance of the courses in relation to the program?

Out of 10 responses received from Employers, 4 are opined excellent, 3 are opined very good, 1 is opined good, 1 is opined fair and remaining 1 is opined poor. The overall percentage is 76 % on five-point scale

2. How do you rate the sufficiency of the courses related to industry that are included in the program?

Out of 10 responses received from Alumni, 4 are opined excellent, 3 are opined very good, 2 are opined good and 1 is opined fair. The overall percentage is 80 % on five-point scale

3. How do you rate the competencies/outcomes in relation to the course content?

Out of 10 responses received from Alumni, 3 are opined excellent, 3 are opined very good, 2 are opined good, 1 is opined fair and remaining 1 is opined poor. The overall percentage is 72 % on five-point scale

4. How do you rate the relevance of the topics to the Industry?

Out of 10 responses received from Alumni, 4 are opined excellent, 2 are opined very good, 2 are opined good, 1 is opined fair and remaining 1 is opined poor. The overall percentage is 74 % on five-point scale

5. Rate the offering of the in relation to the specialization streams?

Out of 10 responses received from Alumni, 198 are opined excellent, 103 are opined very good, 54 are opined good, 29 are opined fair and remaining 37 are opined poor. The overall percentage is 78 % on five-point scale

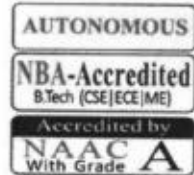
6. How do you rate the applicability of the domains and the tools used for designing the experiments in terms of existing practices in the Industry?

Out of 10 responses received from Alumni, 4 are opined excellent, 2 are opined very good, 3 are opined good and 1 is opined fair. The overall percentage is 78% on five-point scale

7. How do you rate the experiments in terms of their relevance to the real life application?



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Out of 10 responses received from Alumni, 3 are opined excellent, 3 are opined very good 2 are opined good, 1 are opined fair and remaining 1 is opined poor. The overall percentage is 72 % on five-point scale

8. How do you rate the proficiency of our students working with you?

Out of 10 responses received from Alumni, 3 are opined excellent, 3 are opined very good, 3 are opined good, and 1 is opined fair. The overall percentage is 76 % on five-point scale

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Academic Year: 2020-21

**STUDENTS FEEDBACK ON CURRICULUM**

Excellent(5)	Very Good(4)	Good(3)	Average(2)	Poor(1)
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S.No.	Statement	Responses in %			
		Excellent	Very Good	Good	Average
1	How do you rate the syllabus of the course that you have gone through in relation to the expected teaching-learning process?	48.63	18.00	15.21	10.23
2	How do you rate the allocation of credits and hours to the courses	52.74	19.09	10.34	7.60
3	How do you qualify the relevance of syllabus of each course to the recent trends and developments?	40.92	26.15	16.85	6.89
4	How do you assess the various papers in terms of their relevance to the specialization streams?	50.16	25.05	11.11	4.54
5	How do you rate the sequence of units in the course	51.70	20.46	15.04	8.04
6	How do you rate the distribution of contact hours among the course components?	42.61	28.12	9.74	9.14
7	How do you rate the offering of the electives in terms of their relevance to the specialization streams?	50.16	26.15	5.91	8.04
8	How do you rate the offering of the electives in terms of their relevance to the technological advancements?	46.33	28.06	13.51	6.78
9	How do you rate the relevance of text books and reference books by their international recognition to the courses?	49.51	23.03	11.00	7.60
10	Rate the size of the syllabus in terms of the load on the student?	50.16	20.68	13.51	10.23
11	Rate the courses in terms of extra learning or self learning considering the design of syllabus?	48.52	24.02	9.74	9.79
12	How do you rate the percentage of courses having LAB components?	44.42	23.09	15.75	8.81
	Average	47.99	23.49	12.31	8.14

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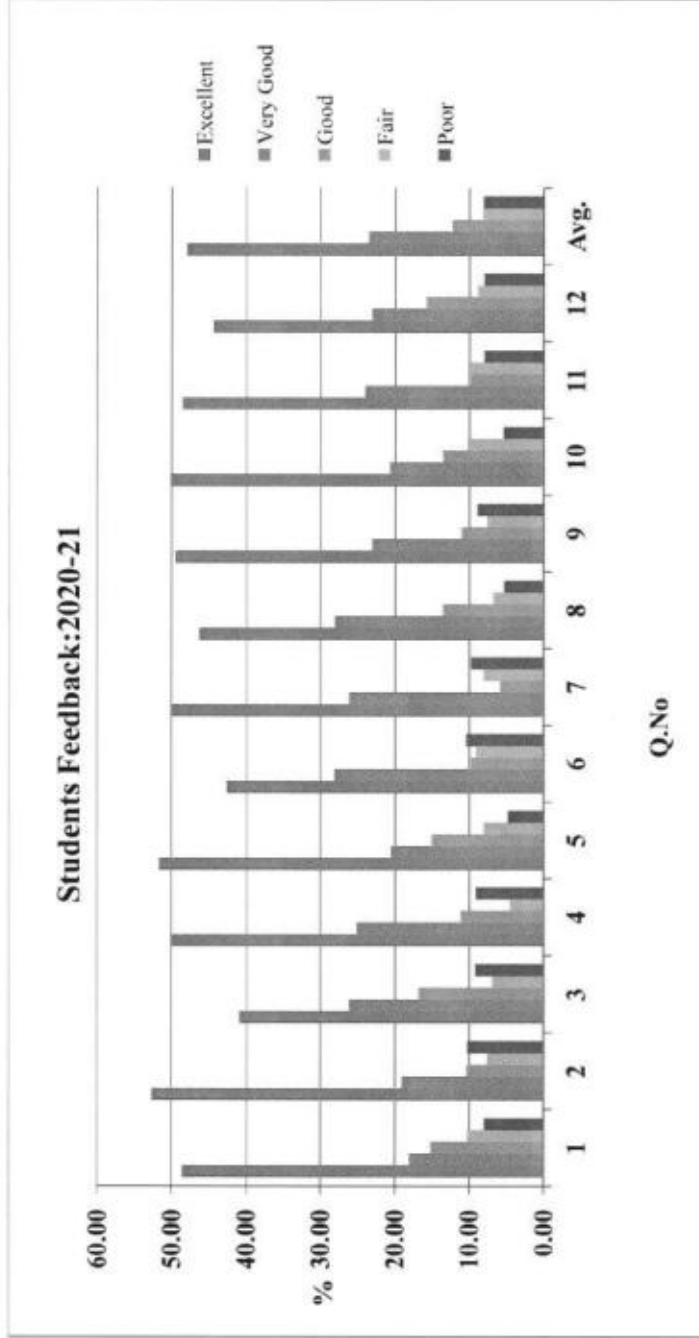
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On an average 47.99% Excellent, 23.49% Very good, 12.31 % Good, 8.14% Fair and 8.04% Poor with the current syllabus of various programmes.

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### Students Feedback Summary

1. How do you rate the syllabus of the course that you have gone through in relation to the expected teaching-learning process?

Out of 1828 responses from students, 889 students are rated as excellent, 329 students are rated as very good, 278 students are rated as good, 187 students are opined that fair and remaining 145 students are rated as poor. The overall percentage is 74.1% on five-point scale.

2. How do you rate the allocation of credits and hours to the courses

Out of 1828 responses from students, 964 students are rated as excellent, 349 students are rated as very good, 189 students are rated as good, 139 students are opined that fair and remaining 187 students are rated as poor. The overall percentage is 75.6% on five-point scale.

3. How do you qualify the relevance of syllabus of each course to the recent trends and developments?

Out of 1828 responses from students, 748 students are rated as excellent, 478 students are rated as very good, 308 students are rated as good, 126 students are opined that fair and remaining 168 students are rated as poor. The overall percentage is 72.9% on five-point scale.

4. How do you assess the various papers in terms of their relevance to the specialization streams?

Out of 1828 responses from students, 917 students are rated as excellent, 458 students are rated as very good, 203 students are rated as good, 83 students are opined that fair and remaining 167 students are rated as poor. The overall percentage is 76.7% on five-point scale.

5. How do you rate the sequence of units in the course?

Out of 1828 responses from students, 945 students are rated as excellent, 374 students are rated as very good, 275 students are rated as good, 147 students are opined that fair and remaining 87 students are rated as poor. The overall percentage is 77.2% on five-point scale.

6. How do you rate the distribution of contact hours among the course components?

Out of 1828 responses from students, 779 students are rated as excellent, 514 students are rated as very good, 178 students are rated as good, 167 students are opined that fair and remaining 190 students are rated as poor. The overall percentage is 73.1 % on five-point scale.



7. How do you rate the offering of the electives in terms of their relevance to the specialization streams?

Out of 1828 responses from students, 917 students are rated as excellent, 478 students are rated as very good, 108 students are rated as good, 147 students are opined that fair and remaining 178 students are rated as poor. The overall percentage is 76.1 % on five-point scale.

8. How do you rate the offering of the electives in terms of their relevance to the technological advancements?

Out of 1828 responses from students, 847 students are rated as excellent, 513 students are rated as very good, 247 students are rated as good, 124 students are opined that fair and remaining 97 students are rated as poor. The overall percentage is 76.6 % on five-point scale.

9. How do you rate the relevance of text books and reference books by their international recognition to the courses?

Out of 1828 responses from students, 905 students are rated as excellent, 421 students are rated as very good, 201 students are rated as good, 139 students are opined that fair and remaining 162 students are rated as poor. The overall percentage is 75.5 % on five-point scale.

10. Rate the size of the syllabus in terms of the load on the student?

Out of 1828 responses from students, 917 students are rated as excellent, 378 students are rated as very good, 247 students are rated as good, 187 students are opined that fair and remaining 99 students are rated as poor. The overall percentage is 76.1 % on five-point scale.

11. Rate the courses in terms of extra learning or self learning considering the design of syllabus?

Out of 1828 responses from students, 887 students are rated as excellent, 439 students are rated as very good, 178 students are rated as good, 179 students are opined that fair and remaining 145 students are rated as poor. The overall percentage is 75.3 % on five-point scale.

12. How do you rate the percentage of courses having LAB components?

Out of 1828 responses from students, 812 students are rated as excellent, 422 students are rated as very good, 288 students are rated as good, 161 students are opined that fair and remaining 145 students are rated as poor. The overall percentage is 73.7 % on five-point scale

  
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**ALUMNI FEEDBACK ON CURRICULUM**

Academic Year: 2020-21

Excellent(5)	VeryGood(4)	Good(3)	Average(2)	Poor(1)
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S.N o.	STATEMENT	Responses in %				
		Excellent	VeryGood	Good	Average	Poor
1	The Syllabus studied by me was relevant to my professional life.	34.92	30.40	10.69	13.78	10.21
2	The contents of the Syllabus were revised at reasonable intervals.	37.29	28.27	11.40	15.44	7.60
3	The syllabus imparted value based learning in terms of skills, concepts, knowledge and critical thinking in students.	43.47	20.19	18.53	9.74	8.08
4	Aims and objectives of the syllabus were well defined and clear to the teachers and students.	41.09	30.17	12.83	9.03	6.89
5	The course/ syllabus increased my knowledge and understanding of the subject studied.	43.47	26.84	9.74	14.25	5.70
6	The prescribed books were relevant, updated and appropriate.	43.47	24.94	21.14	5.70	4.75
7	The syllabus was directly related to enhancing practical competencies.	47.03	24.47	12.83	6.89	8.79
8	The syllabus was need based as per the requirement of the job/industry.	41.33	29.93	11.16	12.11	5.46
	<b>Average</b>	41.51	26.90	13.54	10.87	7.19

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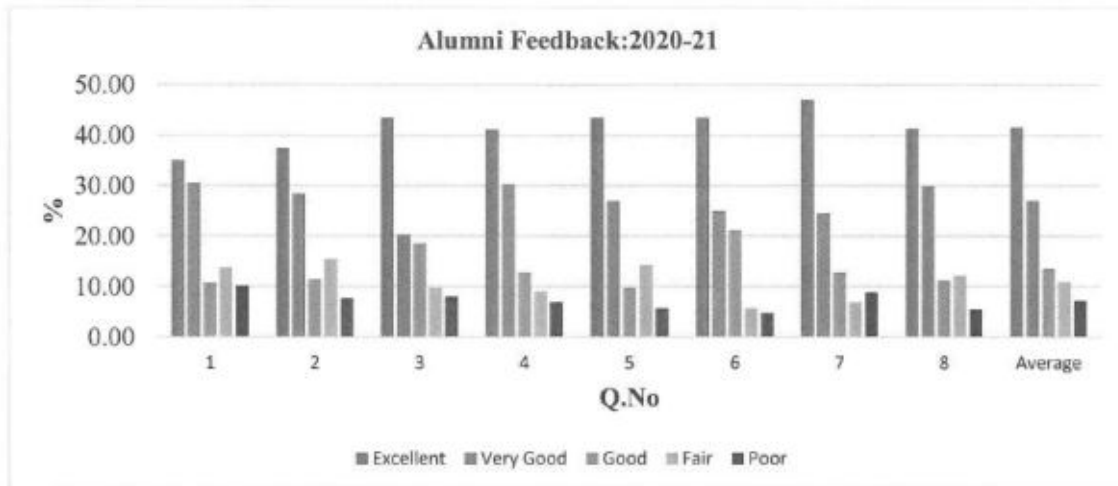
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On an average 41.51 % Excellent, 26.9 % Very Good, 13.54 % Good, 10.87 % Fair and 7.19 % Poor with curriculum of various programmes.

  
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### Alumni Feedback Summary

1. The Syllabus studied by me was relevant to my professional life.

Out of 421 responses received from Alumni, 147 are opined excellent, 128 are opined very good, 45 are opined good, 58 are opined fair and remaining 58 are opined poor. The overall percentage is 60.3 % on five-point scale.

2. The contents of the Syllabus were revised at reasonable intervals.

Out of 421 responses received from Alumni, 157 are opined excellent, 119 are opined very good, 48 are opined good, 65 are opined fair and remaining 32 are opined poor. The overall percentage is 61 % on five-point scale.

3. The syllabus imparted value based learning in terms of skills, concepts, knowledge and critical thinking in students

Out of 421 responses received from Alumni, 183 are opined excellent, 85 are opined very good, 78 are opined good, 41 are opined fair and remaining 34 are opined poor. The overall percentage is 62.6 % on five-point scale.

4. Aims and objectives of the syllabus were well defined and clear to the teachers and students

Out of 421 responses received from Alumni, 173 are opined excellent, 127 are opined very good, 54 are opined good, 38 are opined fair and remaining 29 are opined poor. The overall percentage is 63.8 % on five-point scale.

5. The course/ syllabus increased my knowledge and understanding of the subject studied.

Out of 421 responses received from Alumni, 183 are opined excellent, 113 are opined very good, 41 are opined good, 60 are opined fair and remaining 24 are opined poor. The overall percentage is 63.4 % on five-point scale.

6. The prescribed books were relevant, updated and appropriate

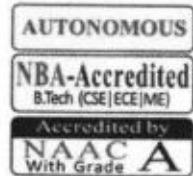
Out of 421 responses received from Alumni, 183 are opined excellent, 105 are opined very good, 89 are opined good, 24 are opined fair and remaining 20 are opined poor. The overall percentage is 64.7% on five-point scale

7. The syllabus was directly related to enhancing practical competencies.

Out of 421 responses received from Alumni, 198 are opined excellent, 103 are opined very good, 54 are opined good, 29 are opined fair and remaining 37 are opined poor. The overall percentage is 64.8% on five-point scale



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8. The syllabus was need based as per the requirement of the job/industry.

Out of 421 responses received from Alumni, 174 are opined excellent, 126 are opined very good, 47 are opined good, 51 are opined fair and remaining 23 are opined poor. The overall percentage is 63.6% on five-point scale

**Coordinator**

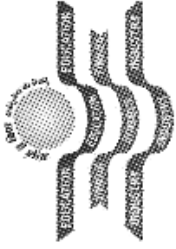
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MIC College of Technology



### FACULTY FEEDBACK ON CURRICULUM

Academic Year: 2020-21

Excellent (5)	Very Good (4)	Good (3)	Average (2)	Poor (1)
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S.No.	STATEMENT	Responses in %				
		Excellent	Very Good	Good	Fair	Poor
1	Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?	56.32	20.11	10.34	6.32	6.90
2	Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	58.62	32.18	6.90	2.30	0.00
3	Does the Curriculum satisfy the current industry requirement?	66.67	14.94	7.47	7.47	3.45
4	Is the Curriculum compatible with the latest technology?	71.26	15.52	10.92	2.30	0.00
5	Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?	63.79	13.79	12.07	8.05	2.30
6	How do you rate the applicability of the curriculum in real life?	56.90	17.82	13.22	10.34	1.72
7	What would be your rating on the relevance/learning value of the projects?	65.52	21.26	6.90	5.17	1.15
8	How do you rate the overall content of the curriculum?	69.54	16.67	13.22	0.57	0.00
	Average	63.58	19.04	10.13	5.32	1.94

  
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On an average 63.58 % Excellent, 19.04 %, Very Good, 10.13 % Good, 5.32 % Fair and 1.94 % Poor with curriculum of various programme.

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## FACULTY FEEDBACK SUMMARY

### Summary

1. Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?

Out of 174 responses received from Alumni, 98 are opined excellent, 35 are opined very good, 18 are opined good, 11 are opined fair and remaining 12 are opined poor. The overall percentage is 82.5 % on five-point scale.

2. Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)

Out of 174 responses received from Alumni, 102 are opined excellent, 56 are opined very good, 12 are opined good, and 4 are opined fair. The overall percentage is 89.4 % on five-point scale.

3. Does the Curriculum satisfy the current industry requirement?

Out of 174 responses received from Alumni, 116 are opined excellent, 26 are opined very good, 13 are opined good, 13 are opined fair and remaining 6 are opined poor. The overall percentage is 86.8 % on five-point scale.

4. Is the Curriculum compatible with the latest technology?

Out of 174 responses received from Alumni, 124 are opined excellent, 27 are opined very good, 19 are opined good and 4 are opined fair. The overall percentage is 91.1 % on five-point scale.

5. Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?

Out of 174 responses received from Alumni, 111 are opined excellent, 24 are opined very good, 21 are opined good, 14 are opined fair and remaining 4 are opined poor. The overall percentage is 85.7 % on five-point scale.

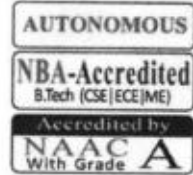
6. How do you rate the applicability of the curriculum in real life?

Out of 174 responses received from Alumni, 99 are opined excellent, 31 are opined very good, 23 are opined good, 18 are opined fair and remaining 3 are opined poor. The overall percentage is 83.6 % on five-point scale





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7. What would be your rating on the relevance/learning value of the projects

Out of 174 responses received from Alumni, 114 are opined excellent, 37 are opined very good, 12 are opined good, 9 are opined fair and remaining 2 are opined poor. The overall percentage is 89 % on five-point scale

8. How do you rate the overall content of the curriculum?

Out of 174 responses received from Alumni, 121 are opined excellent, 29 are opined very good, 23 are opined good and 1 is opined fair.. The overall percentage is 91 % on five-point scale

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## Feedback on Curriculum

Department: Civil Engineering

Academic Year: 2020-21

Action Taken based on stakeholders Feedback on enrichment of Curriculum

<b>Subjects and Labs</b>	<ol style="list-style-type: none"><li>1) Structural Engineering –I (RCC)</li><li>2) Estimation , Costing &amp; Valuation</li><li>3) Staad Pro &amp; GIS Lab</li></ol>
<b>Recommendations</b>	<ol style="list-style-type: none"><li>1) Recommended for introducing of drawing</li><li>2) Separate unit is needed for Contracts</li><li>3) Need more exercises in GIS software</li></ol>
<b>Action Taken</b>	<ol style="list-style-type: none"><li>1) Drawing introduced in reinforced concrete structures</li><li>2) Contracts chapter introduced in the curriculum</li><li>3) More exercises are introduced in GIS lab</li></ol>

  
HOD –CE



### Feedback on Curriculum

Department: Electrical & Electronics Engineering

Academic Year: 2020-21

Action Taken based on stakeholders Feedback on enrichment of Curriculum

<b>Subjects and Labs</b>	Hybrid Power generation Skill Courses Project works Industrial Visits
<b>Recommendations</b>	Recommended to conduct a workshop on Solar Power integration to the existing system Recommended to include additional Skill Training courses in III & IV B.Tech A workshop on Project work & Research is Recommended.
<b>Action Taken</b>	Organized a one day workshop on Solar Power Integration Techniques. Organized various skill oriented Training Courses to III & IV B.Tech Students Organized One day workshop on Awareness Program on Projects and Research.

**HOD-EEE**

Head of the Department  
Electrical & Electronics Engineering  
DVR & Dr. HS MIC College of Technology  
Kanchikacherla-521 100, Krishna Dt., A.P



### Feedback on Curriculum

**Department: Mechanical Engineering**

**Academic Year: 2020-21**

**Action Taken based on stakeholders Feedback on enrichment of Curriculum**

<b>Subjects and Labs</b>	<ol style="list-style-type: none"><li>1.MOOCs courses</li><li>2. Modeling and Analysis</li><li>3.Career Counseling</li><li>4. Library</li></ol>
<b>Recommendations</b>	<ol style="list-style-type: none"><li>1.Need more industrial visits</li><li>2. Research &amp; Publications</li><li>3. Exposure to new trends</li></ol>
<b>Action Taken</b>	<ol style="list-style-type: none"><li>1.Expert lectures were organized on 3D Surface design</li><li>2.Students were taken to Industrial visits to get practical exposure</li><li>3.Faculty were encouraged to pursue Ph.D on trending technologies</li></ol>

**HOD -ME**

**Head of the Department**  
**Dept. of Mechanical Engg.**  
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**Andhra Pradesh, India - Pin: 521181**



**Feedback on Curriculum**

**Department: ECE**

**Academic Year: 2020-21**

**Action Taken based on stakeholders Feedback on enrichment of Curriculum**

<p><b>Subjects and Labs</b></p>	<p>IV. B.Tech - Digital Image Processing, mwoc Laboratory          III. B.Tech - Analog and Digital Communication.          II<sup>nd</sup> B.Tech - Fundamental Courses, PTSP, SS, Emoc          → Skill Courses          → Project works, Research, and Community Service Projects.</p>
<p><b>Recommendations</b></p>	<p>➤ Recommended to go with practical simulation on Image processing while teaching.          ➤ mwoc lab related recommended with High freq simulation software tools.          ➤ Stakeholders recommended to plan for individual subjects and labs in ADC Course.          ➤ more weightage to fundamental courses and practical exposure, Enhance skills of students for job ready</p>
<p><b>Action Taken</b></p>	<p>➤ Introduced MATLAB programmes in Curriculum DSP lab, new work benches and HFSS tools established          ➤ Given proposal to BOS Committee to split courses and corresponding labs of ADC.          ➤ APSCHE guidelines given skill courses as part of curriculum and we implemented same          ➤ Data structures through C, and python          ➤ CSP, project works carried in real time</p>

*Ch. Pulkit*  
**HOD - ECE**  
 Head of the Department  
 Dept of Electronics & Communication Engg  
 Dr. MS MIC College of Technology  
 Kanchikacharla, Krishna Dt.  
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## Feedback on Curriculum

**Department: Computer Science and Engineering**

**Academic Year: 2020-21**

### Action Taken based on stakeholders Feedback on enrichment of Curriculum

<p><b>Subjects and Labs</b></p>	<p><b>II Year</b></p> <ul style="list-style-type: none"> <li>• Software Engineering</li> <li>• R Programming Lab</li> <li>• Skill Courses</li> </ul> <p><b>III Year</b></p> <ul style="list-style-type: none"> <li>• Design And Analysis of Algorithms</li> <li>• Skill Course: Soft Skills</li> <li>• Internships</li> </ul> <p><b>IV Year</b></p> <ul style="list-style-type: none"> <li>• Project Work/ Industry Internship</li> <li>• Data Visualization courses</li> </ul>
<p><b>Recommendations</b></p>	<ul style="list-style-type: none"> <li>• Recommended to include the UML diagrams as one unit in the Software Engineering course syllabus as as to accommodate subjects related to evolving areas in the later semesters.</li> <li>• Recommended to introduce Python- Numpy Course and Basic Web Programming as Skill courses &amp; R Programming as laboratory course in the II Years</li> <li>• Recommended to introduce Lab component for the Design and Analysis of Algorithms Course</li> <li>• Recommended to introduce Soft Skill course in the III Year.</li> <li>• Recommended to introduce Internships</li> <li>• Recommended to introduce Data visualization tools as skill course</li> </ul>
<p><b>Action Taken</b></p>	<ul style="list-style-type: none"> <li>• Design Diagrams are included in the last unit of the software engineering course syllabus.</li> <li>• Python-Numpy &amp; Pandas course is introduced as skill course in the II Year I Semester.</li> <li>• Basic Web Programming Course is introduced as skill course in the II Year II Semester.</li> <li>• Summer internships are included after II Year and III Year courses.</li> <li>• Soft skills course is introduced skill course in the III Year II Semester.</li> <li>• Data Visualization using Tableau course is included in the VII Semester of the curriculum.</li> </ul>

  
**HOD -CSE**



### Feedback on Curriculum

**Department: Information Technology**

**Academic Year: 2020-21**

#### Action Taken based on stakeholders Feedback on enrichment of Curriculum

<b>Subjects and Labs</b>	<ul style="list-style-type: none"><li>• R Programming Lab</li><li>• Technical Seminar</li><li>• Effective Technical Communication</li><li>• Python Programming Lab</li><li>• Mini Project/Internship</li></ul>
<b>Recommendations</b>	<ul style="list-style-type: none"><li>• Recommended to introduce courses like R-programming</li><li>• Recommended to organize workshop on emerging trends</li><li>• Recommended to concentrate on Research and publications</li><li>• Recommended to introduce Internships</li><li>• Recommended to introduce soft skills</li></ul>
<b>Action Taken</b>	<ul style="list-style-type: none"><li>• Introduced R-programming in II year</li><li>• Workshops organized</li><li>• Faculty were encouraged to pursue PhD on trending technologies</li><li>• Summer internship are included after II year II Semester and III year II Semester</li><li>• In III year II semester soft skills is introduced as skill course</li></ul>

  
**HOD - IT**



### Feedback on Curriculum

Department: Computer Applications

Academic Year: 2020-21

#### Action Taken based on stakeholders Feedback on enrichment of Curriculum

<b>Subjects and Labs</b>	<ul style="list-style-type: none"><li>• Mathematical and Statistical Foundations</li><li>• Business Communications</li><li>• Project using Design thinking</li><li>• Python Programming (to be taken through MOOCs)</li><li>• Machine learning with Python</li><li>• Internship / Industry Oriented Mini Project/ Skill Development Course (Minimum 6-weeks)</li></ul>
<b>Recommendations</b>	<ul style="list-style-type: none"><li>• Recommended to introduce Machine Learning with python</li><li>• Recommended to introduce Mathematical and Statistical Foundations</li><li>• Recommended to introduce Business Communication course</li><li>• Recommended to organize workshop on emerging trends</li><li>• Recommended to concentrate on Research and publications</li><li>• Recommended to introduce Internships</li><li>• Recommended to reduce course duration from 3 years to 2 years</li></ul>
<b>Action Taken</b>	<ul style="list-style-type: none"><li>• Introduced Machine Learning with python course in III semester</li><li>• Introduced Mathematical and Statistical Foundations in I semester</li><li>• Introduced Business Communication course in I Semester</li><li>• Organized workshop on Building Applications with python</li><li>• Faculty were encouraged to pursue PhD on trending technologies</li><li>• Internship is included III Semester</li><li>• course duration is reduced to 2 years as per APSCHE guidelines</li></ul>

  
**HOD - DCA**